DOCKET NO: P31,249 USA PATENT

**Application No. 10/564,899** 

**Amendments to the Specification** 

In the specification:

Please amend the paragraph beginning on page 4, line 32 (last paragraph) and continuing

onto page 5 as follows:

In the case of an IS glass forming machine, in which only one gob is processed in each

case per section, a measured respective gob mass reference actual value and an associated gob

mass reference desired value are compared by forming a mass reference value difference. These

three values are variables which are directly related to the gob mass. In particular, they can be

the actual mass value, the desired mass value and a mass difference which is calculated from

these two values. The mass reference value difference is preferably determined from an

individual gob. However, it could also be determined by several consecutive gobs of the section

by using a mean value of the consecutive gobs as a mass reference actual value, in order in this

way to smooth out any possible freak abnormal values of the mass reference actual value. If

several gobs are processed in each section simultaneously in several preform stations in the IS

glass forming machine, the mass reference value difference is determined for each preform

station of the section.

Please amend the paragraph beginning on page 10, line 7 of the as-filed application as follows:

The device for controlling the glass gob mass as shown in Figure 1 is designated by the

reference numeral 1. The device 1 comprises two plungers 2 and 2'. The plungers 2, 2' are

disposed in a feeder head 3 of a feeder 4. The feeder head 3 comprises a dual gob outlet which is

formed by two openings 5 and 5' in an orifice ring 6. Furthermore, the feeder head 3 comprises a

restrictor pipe 7 which surrounds the two plungers 2, 2'. The axial position of the restrictor pipe

7 serving as the control variable can be changed in a manner which is known know per se as

shown by the double arrow 8. A drive 9 of the restrictor pipe 7 is shown in a schematic and only

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partial manner in Figure 1. In order to adjust the vertical position of the restrictor pipe 7, a motor is provided, not shown, which drives a spindle 11 via an angular gear mechanism 10. The spindle 11 cooperates with a spindle nut 12 which is connected to the restrictor pipe 7.

Furthermore, a mechanism, not shown, can be provided in order to be able to adjust the restrictor pipe 7 horizontally, for the purpose of achieving a with respect to the symmetrical arrangement around the dual gob outlet 5, 5' horizontally [sic]. By virtue of the vertical adjustment indicated by the double arrow 8, a gap 15 is adjusted between a lower end of the restrictor pipe 7 and the orifice ring 6.